

Work Order ID 77201***77201***

Page 1

November 29, 2011 9:21:16 AM

Item ID: D2001-4 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Valve Assembly (1/4")
Start Date: 11/29/11 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 12/07/11 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: CL Date: 11/11/29 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
D2001	Rev C								

100	PURCHASING	0.00							
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100
Purchasing
Purchasing
Memo
Issue P/O: 15571
P/N: 76-101-32 (1/4 NPT)
Possible Supplier: Flo-Control Inc.
Material release note is required

CL 11/11/29 (10)

110	Receive & Inspect for Damage & Mat'l Certs	0.00							
-----	--	------	--	--	--	--	--	--	--

110
Packaging
Packaging
Memo
Ensure Material Release Note is attached

11/12/02 (10)

120	QC6- Inspect dimensions to drawing	0.00							
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120
QC
Quality Control
Memo

11-12-02 (10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

*NOTE: Date & initial all entries

Work Order ID 77201

77201

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Small Fab								
Small Fab	Memo	0.00							
Small Fab	Remove existing ID numbers and replace with Dart P/N & B/N								
140		0.00							
140	QC5- Inspect part completeness to step on W/O								
QC	Memo	0.00							
Quality Control									
150		0.00							
150	Identify as per dwg & Stock Location: SD								
Packaging	Memo	0.00							
Packaging									

Handwritten signature and date: 11/12/05 (10)

Handwritten circled number: 410

Handwritten circled number: 70X and date: SP 11-12-05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Work Order ID 77201***77201***

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Item ID: D2001-4

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Valve Assembly (1/4")

Start Date: 11/29/11 Start Qty: 10.00

10

Cust Item ID:

Required Date: 12/07/11 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

11/12/11

ME
11-12-05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

November 29, 2011 9:21:16 AM

Page 1

Work Order ID: 77201

Parent Item: D2001-4

Parent Item Name: Valve Assembly (1/4")

Start Date: 11/29/11

Required Date: 12/07/11

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A04.07.06New IssueKJ/RF

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
76-101-32 VALVE		Purchased	No			110	Each	0.0000	1	10			

11/14/02 (10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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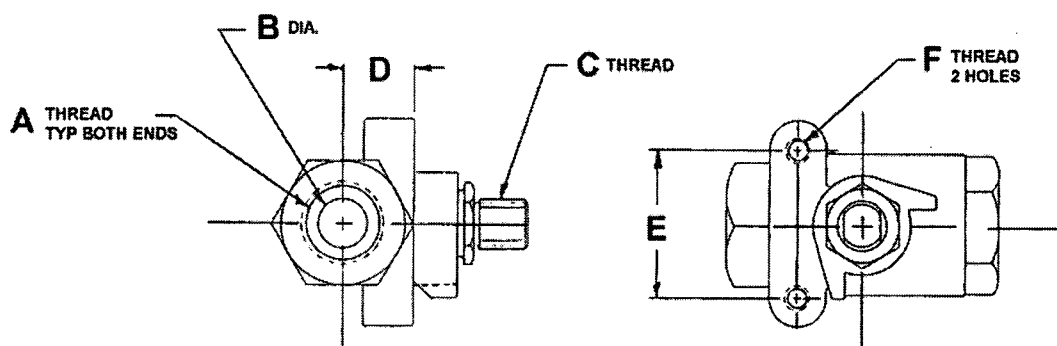
NOTE: Date & initial all entries



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D2001	REV. C SHEET 1 OF 1
DATE 04.07.06	TITLE VALVE ASSEMBLY		SCALE NTS
-	90.04.02	NEW ISSUE	
A	92.05.12	-043 ADDED	
B	96.04.10	DART P/N CHG,041-6,042-12,ADD -16	
C	04.07.06	ADD D2001-4	

RELEASED
04.09.09

SPECIFICATION CONTROL DRAWING



Dart P/N	Apollo P/N	A	B	C	D	E	F
D2001-4	76-101-32	1/4 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-6	76-102-01	3/8 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-8	76-103-01	1/2 NPT	0.500	3/8-24 NF	0.60	1.120	10-24 UNC
D2001-12	76-104-01	3/4 NPT	0.680	7/16-20 NF	0.79	1.370	10-24 UNC
D2001-16	76-105-01	1 NPT	0.870	7/16-20	0.99	1.370	10-24 UNC

NOTES:

- 1) POSSIBLE SUPPLIER: FLO-CONTROL INC. OR APOLLO VALVE DIVISION
- 2) DISCARD HANDLE AND ATTACHING NUT, EXCEPT FOR D2001-4
- 3) CHECK DIMENSION SHOWN ON THIS DRAWING
- 4) REFERENCE INFORMATION:

MATERIAL: 316 STAINLESS STEEL
INVESTMENT CAST COMPONENTS
MEETS NACE-MR-01-75
MEETS WW-V-35C TYPE II, COMP SS, STYLE 3
PRESSURE RATING: 2000 PSI @ 100°F
150 PSI @ 400°F

- 5) IDENTIFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER

CLL1129
WID: 77201

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NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO15571

Purchase Order Date 11/29/11

PO Print Date 11/29/11

Page Number 1 of 1

Order From :

VU-FL0001

FLO-CONTROL INC.
80 CENTER RD.
CARTERSVILLE, GA 30121
US

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	770 382 0006	Requisition Nbr	
Vendor Fax	770 382 0161	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Chantal

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	76-101-32	VALVE	12/07/11 Yes	10.00 Each	FedEx PI collect	\$48.9089	\$489.09

Special Inst: AS PER DWG D2001 REV. C
B77201
FLO-CONTROL P/N: 76-101-32 (1/4 NPT)

PO Total: \$489.09

11/29/11
10:00 AM

Change Nbr:

Change Date: 11/29/11

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

P I C K I N G T I C K E T

FLO-CONTROL, INC.
80 CENTER RD
CARTERSVILLE, GA 30121

Page: 1

Order # 66435
Order Date: 11/30/11

Sold-To: DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ONT, CA K6A1

Ship To: DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ONT CANADA K6A

Cust #: 204700

P.O.#: P015571

Terms: NET 30 DAY Rep: 5

Ship Via: FEDERAL EX

Date to Ship: ASAP

Date Shipped: 11/30/11

Loc Seq#	Item # Description-1 Description-2	Qty Ordered	Unit	Qty To Ship	Qty Shipped
10	*APOLLO 76-101-32 1/4" SS VLV W/ SS TEE HANDLE	10	EACH	10	<u>10</u>
20	*APOLLO CERT OF CONFORMANCE	1	EACH	1	<u>1</u>

2 Line Items
COMMENTS:

Total Quantity:

11



Manufactured by Conbraco Ind. Inc.

P. O. Box 125 Pageland S.C. 29728

Phone: [843] 672-6161

Fax: [843] 672-1648

www.apollovalves.com

Certificate of Compliance

Customer:	FLO CONTROL INC	Date:	12/2/2011
CII Order#	C 816415	PO# :	66435
Part # :	Qty:	Description:	
7610132A	10	BV, 1/4"NPT, SS, SS TEE HNDL	

This is to certify that the above materials comply with the requirements of the applicable purchase order and the codes and ratings shown in our published catalog of products. All products are manufactured, tested and assembled in the United States of America. All products have met the inspection requirements.

Respectfully,

John F. Higdon
Corporate Quality Assurance Manager

ES-1510 REV. A